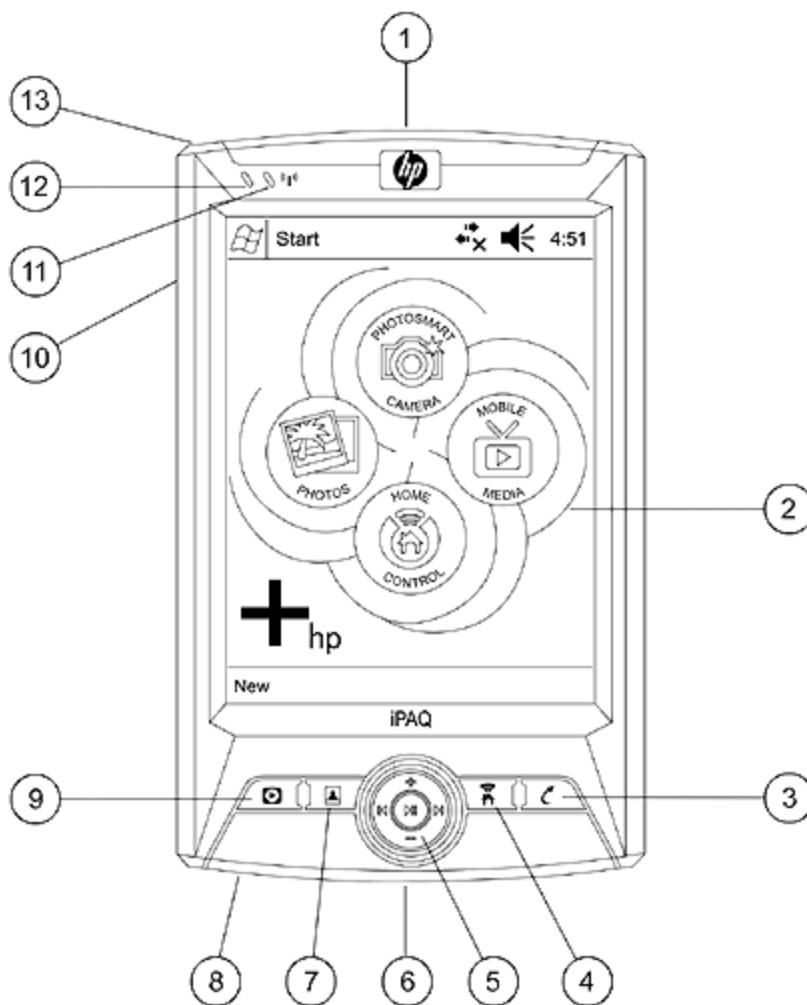
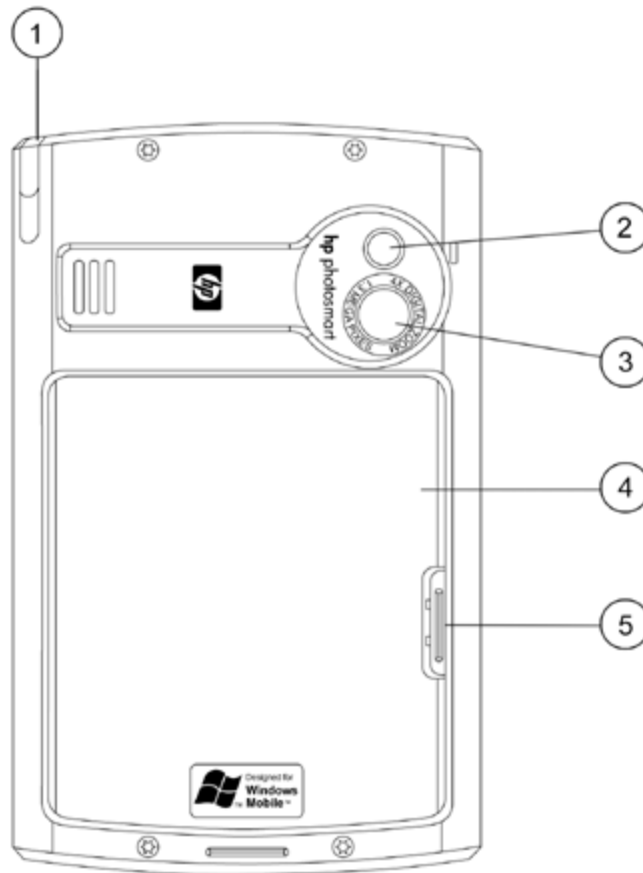


Overview



- | | |
|---|--|
| 1. SDIO Expansion Slot | 8. Soft Reset Button |
| 2. QVGA Color Display | 9. iPAQ Mobile Media Shortcut |
| 3. iTask Shortcut | 10. HP Photosmart Camera Shortcut/Image Capture Button |
| 4. Universal Remote Shortcut | 11. Wireless LED indicator |
| 5. 5-Way Navigation Controller Touchpad | 12. Charge/Notification LED indicator |
| 6. Universal Connector | 13. Headphone Jack |
| 7. HP Image Zone Shortcut | |

Overview



- | | |
|-------------------------|--------------------------------|
| 1. Stylus | 4. Battery Cover |
| 2. Self-Portrait Mirror | 5. Battery Cover Release Latch |
| 3. Digital Camera Lens | |

At A Glance

- Browse and play your music, photos, and video collections over Wi-Fi from anywhere in your home
- Capture quality photos and video with the integrated 1.2 mega pixel Photosmart camera
- Play MP3 and WMA music
- Watch WMV, MPEG1, AVI, videos and movies
- Integrated Universal Remote Control
- Integrated Wi-Fi 802.11b¹
- Integrated Bluetooth®¹ wireless technology
- Integrated SD expansion slot
- Dazzling Transflective QVGA TFT color display
- Microsoft® Windows Mobile™ 2003 Second Edition software for Pocket PC

NOTE: ¹ A standard WLAN infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with service provider for availability and coverage in your area. Not all web content available.

Standard Features

Models

HP iPAQ rx3415 – 56-MB user available memory, 64-MB WLAN and Bluetooth

FA280A#ABA – U.S., Canada, Latin America

FA280A#ABC – French Canadian

FA280A#B16 – Latin American Spanish

FA280A#AC4 – Brazilian Portuguese

FA280A#AC8 – Argentina

HP iPAQ rx3417 – 88-MB user available memory, WLAN, and Bluetooth

FA280A#ABG – Australia, New Zealand

FA280A#UUF – Asia Pacific English

FA280A#ARE – Malaysia

FA280A#ABO – Taiwan – Traditional Chinese

FA280A#AB5 – Hong Kong – Traditional Chinese

Processor	Samsung S3C 2440 processor	
Memory	User Available Memory	<p>56 MB user available memory – includes 4 MB iPAQ File Store (model rx3415)</p> <p>77 MB user available memory – includes 21 MB iPAQ File Store (model rx3417, Asian languages)</p> <p>92 MB user available memory – includes 36 MB of iPAQ File Store (model rx3417, non-Asian languages)</p>
Display	Type Modes Number of Colors Touch Screen Resolution (W x H) Size	<p>Transflective type QVGA TFT</p> <p>Portrait and Landscape</p> <p>64K color (65,536 colors) 16-bit</p> <p>Yes</p> <p>240 x 320</p> <p>3.5 in (89 mm)</p>
Photosmart Camera	Resolution Image Quality Digital Zoom Minimum Illumination File Format for captured images Video Recording Video Playback Special Features	<p>1.2 Mega pixels</p> <p>1280 x 960 pixels</p> <p>4x</p> <p>5 lux</p> <p>JPEG</p> <p>MotionJPEG</p> <p>MotionJPEG, and MPEG1</p> <p>Self-portrait mirror</p>
Hardware Buttons/Reset Buttons	One power button, one reset button, four software programmable application buttons, one 5-way navigation controller touchpad, one voice record/image capture button.	
Stylus	One	

Standard Features

Audio		Integrated microphone, speaker and one 3.5 mm stereo headphone jack, MP3 stereo through headphone jack		
Indicators	Charge and Notify	Blinking green – notification Blinking amber – charging Solid amber – full charge		
	Bluetooth and WLAN	Solid blue LED – radio ON		
Cradle Interfaces	Universal Connector	1 – 22 pin connector for synchronization and charging		
Other interfaces	IrDA	Supported (Serial IR/Consumer IR)		
	USB Client	Supported via cradle interface		
	Serial	RS232 supported via cradle interface		
	Sync/Data Connector	USB 1.1 client		
SD Slot	Support 4-bit SDIO and 4-bit SD/MMC type memory standard. SDIO Now! driver included.			
Power Supply	Battery	Removable/Rechargeable 920 mAh Lithium-Ion user replaceable battery. Optional extended 1440 and 2880 mAh Lithium-Ion batteries available for purchase (http://www.hp.com/go/ipaqaccessories) Estimated usage time of fully charged battery is up to 9 hours. Charging time up to 1.5 hours.		
	AC Power	AC Input: 100~240 Vac, 50/60 Hz, AC Input current: 0.2 Aac max Output Voltage: 5Vdc (typical), Output Current: 2A (typical) NOTE: Battery run time varies based on the usage pattern of an individual user and the configuration of the handheld. Use of internal wireless capabilities and backlight will significantly decrease battery run time.		
AC Adapter	Dimensions (H x W xD)	3 x 1.9 x 1.8 in (76 x 48 x 44 mm – including prongs), (may vary by model)		
	Cord Length (approx.)	6 ft (1.83 m)		
	Power Supply Ratings	Voltage Range	100 to 240 V Switching	
		Input Current	0.3 Aac	
		Input Frequency	50 to 60 Hz	
		Output Voltage	5 VDC	
		Output Current	2 Amp	
System Unit	Dimensions (H x W x D)	4.5 x 2.8 x 0.64 in (114.3 x 71.2 x 16.3 mm)		
	Weight	147.4g (including the 920mAh battery and stylus)		
	Operating Temperature	32° to 104° F (0° to 40° C)		
	Storage Temperature	-4° to 140° F (-20° to 60° C)		
	Operating Humidity	90% RH		
	Regulatory Marks	Electrical	FCC Class B, UL or CSA NRTL	
Safety		C-UL, NOM		
Ergonomic Design Features	4 programmable application launch buttons – defaults: iPAQ Mobile Media, HP Image Zone, Nevo Universal Remote and iTask			

Standard Features

Operating System	Microsoft® Windows Mobile™ 2003 Second Edition software for Pocket PC (Professional Edition) Pocket versions of Microsoft software are included (Outlook, Word, Excel and Internet Explorer for Pocket PC)
Operating System Applications	Powered by Microsoft® Windows Mobile™ 2003 Second Edition for Pocket PC Calendar, Contacts, Tasks, Voice Recorder, Notes, Pocket Word (with Spellchecker), Pocket Excel, Pocket Internet Explorer, Windows Media Player 9 (MP3, audio and video streaming), Calculator, Solitaire, Jawbreaker, Messaging (with Spell Checker for email), File Explorer, Terminal Services Client, Infrared Beaming, Clock, Align Screen, Memory, Volume control, ClearType Tuner (except for Asian languages), MSN Messenger, Pocket MSN
In-the box	HP iPAQ rx3400 series mobile media companion, AC adapter, USB Sync cable, Carrying case, Stylus, Stereo Headphones, Getting Started Guide, Special Features Guide, "How Do I..." Guide, HP iPAQ Companion CD, HP Image Zone 3.5 for the desktop on CD
Service and Support	90 days parts and labor in U.S. and Canada; one-year parts and labor in other regions; 90 days technical support for software in most regions. Additional offers may vary by region.
HP Exclusive Applications	Experience HP iPAQ: short demonstration of the capabilities of the HP iPAQ rx3400 series Mobile Media Companion iPAQ Wireless: utility to manage wireless connections Bluetooth Manager HP Photosmart camera HP Mobile Print Engine iPAQ Entertainment: custom Today Screen plug-in with shortcuts to digital imaging and entertainment applications iPAQ Mobile Media Nevo Universal Remote PocketTV Pro iPAQ File Store: non-volatile storage in flash memory iPAQ Backup: utility for Backup/Restore to Main Memory, Memory Card or iPAQ File Store HP Image Zone3.5 for iPAQ: application to view, edit, share and print images Illum Dockware Personal Edition: photo screen saver iTask How Do I...? Guide: frequently asked setup and usage questions and answers Utilities: Self Test, iPAQ Audio, Power Status

Standard Features

Companion CD from HP

APPLICATIONS

Full Versions

Outlook 2002
Nevoware server
Nevoware renderer
Nevo backup
HP Image Zone for desktops
HP Image Transfer: application to transfer digital
photographs from the iPAQ to your personal computer
Experience HP iPAQ Adobe Acrobat Reader for PC
PDF Viewer for Pocket PC
Active Sync 3.7.1
HP Mobile Printing

Trial Versions

Vindigo
Illum ListPro

CD LINKS

Full Versions

Audible Player
HP Handheld Software Store
iPAQ Backup upgrade
Avant Go
Windows Media Player Desktop
Microsoft Games

Trial Versions

Additional Documentation

Safety and Comfort Guide

User's Guide

Accessory Brochure

NOTE: Programs could vary based on model. Some programs are accessed through CD links to download web sites.

Standard Features

WLAN Specifications^{1,2}		Wireless access to the Internet, email and corporate data
Technology		
RF Network Standard		IEEE 802 Part 11b (802.11b)
Frequency Band		2,4000 to 2.4835 GHz 2,4465 to 2.4835 GHz (France) 2,4000 to 2,497 GHz (Japan)
Antenna type		Embedded Antenna
Security		WEP 64/128-bit compliant to IEEE 802.11 Compliant to 802.1X (EAP-TLS, PEAP) WPA
Network Architecture Models		Ad-hoc (Peer to Peer) Infrastructure (Access Points Required)
Modulation Technique		Direct Sequence Spread Spectrum
Modulation Schemes		DBPSK, DQPSK, CCK
Receiver Sensitivity - Packet Error Rate (8E-2)		11 Mbps: < -80 dBm 5.5 Mbps: < -82 dBm 2 Mbps: < -86 dBm 1 Mbps: < -89 dBm
Maximum Receive Level		-10dBm (1/2/5.5/11 Mbps)
Output Power (approximately)		15 dBm
Power Management		Radio On/Off control through Microsoft Connection icon, (need to verify) Power Save mode available in Power Settings
Power Consumption		Transfer mode: < 300 mA, average Receive mode: < 200 mA, average
Power Saving Option		802.11 Compliant Power Saving, idle mode 20 mA
Media Access Protocol		CSMA/CA (Collision Avoidance) with ACK
Protocols Supported		TCP/IP IPX/SPX UDP
Operating Distance		Up to 1000 feet – Open sight
Certifications		All necessary regulatory approvals for countries we support including: WECA Wi-Fi approval FCC (47 CFR) Part 15C, Section 15.247&15.249 ETS 300 328, ETS 301 489-6 Low Voltage Directive IEC950 UL, CSA, and CE Mark

NOTE:

¹ A standard WLAN infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless network airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with wireless service providers for availability and coverage in your area. Not all web content available.

² Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use may require separately purchased Internet service contract.

Standard Features

Bluetooth Specifications¹	Technology High-speed, low-power, short-range
	Bluetooth specification 1.1 compliant (2.4-GHz Industrial Scientific Medical Band)
	System interface High-speed UART processor interface
	User Interface Bluetooth Manager
	Device type Class II device; up to 4 dBm transmit, typical 10 meter range
	Power 3.3V \pm 5% Peak current – typical TX current at approximately 140 mA
	Receiver sensitivity -78 dBm or greater
	Regulatory standards R&TT#-EN 300 328 and EN 300 826, UL 1950, CB Safety Scheme inclusive of EN 60950 and IEC 950, FCC Part 15 subpart C, Canadian, CE
	Profile Support General Access Profile
	Service Discovery Profile
	Serial Port Profile
	Generic Object Exchange Profile
	File Transfer Profile
	Dial-Up Networking Profile
	LAN Access Profile
	Object Push Profile
	Personal Area Networking Profile
	Basic Printing Profile
	Usage Models
	Service Discovery
	Determine what Bluetooth devices are within range and support authorization
	File Transfer
	File and directory browsing and navigation on another Bluetooth device.
	File copying
	Object manipulation – including add, delete, create new folders etc.
	Serial Port
	Synchronization between PDAs and PCs using Activesync
	Printing to Bluetooth-enabled printer without the need for cables
	Dial Up Networking
	Wireless link to WAN thru Bluetooth enabled cell phone ¹
	Agnostic to WAN technology
	Send/receive SMS messages
	LAN Access
	Wireless link to Corporate LAN using Bluetooth and appropriate Bluetooth access point ¹
	Access the Internet by connecting to your desktop or notebook over Bluetooth and using its network connection ¹
	Generic Object Exchange and Object Push
	Exchange business cards, tasks, documents, appointments and more ¹
	Personal Area Networking
	Collaborate, chat, play games, exchange data ¹
	Adhoc peer to peer networking ¹
	Basic Printing Profile
	Print to any HP Bluetooth-enabled printer without the need for cables or specific print drivers
	Certifications
	All necessary regulatory approvals for countries we support including: Bluetooth logo (FCC (47 CFR) Part 15C, Section 15.247&15.249 ETS 300 328, ETS 300 826 Low Voltage Directive IEC950 UL and CE Mark

NOTE: ¹ A standard Bluetooth wireless infrastructure and/or other devices enabled with Bluetooth may be required for applicable wireless communication.

Options

NOTE: *Wireless cards and options are available at additional costs.

Memory/Storage*	128-MB SD Memory Card	FA135A#AC3
	256-MB SD Memory Card	FA136A#AC3
	512-MB SD Memory Card	FA184A#AC3
	1-GB SD Memory Card	FA823A#AC3
Power	1440 mAh Lithium Standard Battery	FA285A#AC3
	2880 mAh Lithium Ion Extended Battery	FA286A#AC3
	Auto Adapter	FA125A#AC3
	Charger Adapter	FA133A#AC3
	AC Adapters	FA130A#xxx
Synchronization	USB Desktop Cradle/Charger	FA260A#xxx
	AutoSync Cable (USB and Serial)	FA122A#AC3
Input Devices	Stylus Three-pack	FA261A#AC3
	Wireless Bluetooth Foldable Keyboard	FA287A#AC3
	Foldable Keyboard	FA118A#xxx
	SDIO Camera (Photosmart Mobile Camera)	FA185#ABA (NA) FA185A#AC3 (ww)
Navigation	iPAQ Navigation System - (U.S. only)	FA196A#ABA
Headphones	Bluetooth Stereo Headphones	FA303A#AC3
Cases	Nylon Case	FA161A#AC3
	Leather Belt Case	FA160A#AC3
	iPAQ Professional Protective Case	336678-001
	Leather Flip Case	FA349A#AC3
	Custom Cases: To view and place an order: http://www.ecases.com	

Options



HP iPAQ Mobile Media Companion is a Microsoft® Windows® Powered Pocket PC

For more information on HP iPAQ Pocket PC, visit our website at <http://www.hp.com/go/iPAQ>.

© Copyright 2004 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Microsoft, Windows, the Windows Logo and ActiveSync are registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Intel is a registered trademark of Intel Corporation in the U.S. and/or other countries.